

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No.: 10/558,383 (Q90710)

AMENDMENTS TO THE SPECIFICATION

Please delete the present Abstract of the Disclosure.

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Abstract of the Disclosure

A piezoelectric ceramic composition which contains M1 (a divalent metallic element; M2 (a tetravalent metallic element); and M3 (a metallic element of a sintering aid component), wherein, when these metallic elements constitute the formula $[(1/2)aK_2O-(1/2)bNa_2O-cM1O-(1/2)dNb_2O_5-eM_2O_2]$, a, b, c, d, and e in the formula satisfy the following relations: $0 < a < 0.5$, $0 < b < 0.5$, $0 < c < 0.11$, $0.4 < d < 0.56$, $0 < e < 0.12$, $0.4 < a+b+c \leq 0.5$, and $a+b+c+d+e=1$; and when the total amount of K, Na, Nb, M1, and M2 as reduced to corresponding oxides is 100 parts by mass, the amount of M3 as reduced to M3 oxide is 5 parts by mass or less. Also disclosed is a piezoelectric element which includes a piezoelectric member formed of the piezoelectric ceramic composition, and a pair of electrodes which are in contact with the piezoelectric member.